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| FORM PTO-1449 | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTORNEY DOCKET NO. 1046.1306 | APPLICATION NO. 10/762,330 |
| INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i> | | FIRST NAMED INVENTOR Satoru TANAKA | |
| | | FILING DATE January 23, 2004 | GROUP/PART UNIT 2432 |
| | | | |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NO. | DATE | NAME | CLASS | SUB- CLASS | FILING DATE |
|----------------------|----|-----------------|------------|-----------------|-------|---------------|----------------|
| | AA | 2002/046351 | 04/18/2002 | Takemori et al. | | | |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NO. | DATE | COUNTRY | TRANSLATION or In English YES NO | ENGLISH ABSTRACT |
|--|----|-----------------|------------|---------|--|---------------------|
| | AG | 2002-111727 | 04/12/2002 | Japan | X (Corresponding English Publication No. 2002-046351) | X |
| | AH | | | | | |
| | AI | | | | | |
| | AK | | | | | |
| | AL | | | | | |

| | | | | |
|---|----|--|-----------------------|--|
| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) | | | TRANSLATION YES NO | |
| | AM | | | |

| | |
|---|-----------------|
| EXAMINER | DATE CONSIDERED |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |

ATTACHMENT 1(e)

| | | |
|--|----------------------|-----------------|
| EXPLANATIONS OF RELEVANCY OF REFERENCES | ATTORNEY DOCKET NO. | APPLICATION NO. |
| | 1046.1306 | 10/762,330 |
| | FIRST NAMED INVENTOR | |
| | Satoru TANAKA | |
| | FILING DATE | GROUP ART UNIT |
| | January 23, 2004 | 2432 |

*Reference AG (JP 2002-111727) corresponds to Reference AA (US 2002/046351).

Reference AG (JP 2002-111727) is cited in the Japanese Office Action mailed May 11, 2010.

The Cited document 1 in the Japanese Office Action of May 11, 2010 was previously cited in the IDS of July 17, 2009.

ATTACHMENT 1(g)

| | | |
|---|----------------------|-----------------|
| LIST OF ADDITIONAL SUBMITTED DOCUMENTS | ATTORNEY DOCKET NO. | APPLICATION NO. |
| | 1046.1306 | 10/762,330 |
| | FIRST NAMED INVENTOR | |
| | Satoru TANAKA | |
| | FILING DATE | GROUP ART UNIT |
| | January 23, 2004 | 2432 |

The following document(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application.

It is requested that the Examiner acknowledge his consideration of document(s) below-listed by initialing same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application; and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NO. | DATE | NAME | CLASS | SUB- CLASS | FILING DATE |
|----------------------|----|-----------------|------|------|-------|---------------|----------------|
| | BA | | | | | | |
| | BB | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUB- CLASS | TRANSLATION YES NO | |
|--|----|-----------------|------|---------|-------|---------------|-----------------------|--|
| | BC | | | | | | | |
| | BD | | | | | | | |

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | TRANSLATION YES NO | |
|--|----|--|--|--|--|--|-----------------------|--|
| | BE | Japanese Office Action mailed May 11, 2010 in corresponding Japanese Application No. 2003-022630 (2 pages) English Translation (3 pages) | | | | | X | |

| | |
|---|-----------------|
| EXAMINER | DATE CONSIDERED |
| <p>*EXAMINER: Initial if document considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p> | |